

MISSOURI DEPARTMENT OF CONSERVATION

Fish and Wildlife Research Center • 1110 South College Avenue
Columbia, Missouri 65201 • Phone 314/882-9880

JERRY J. PRESLEY, Director

August 26, 1992

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SPFD BRANCH

Mr. Robert Morby
Region VII
U.S. Environmental Protection Agency
726 Minnesota Avenue
Kansas City, Kansas 55101

Dear Mr. Morby:

On August 5, 1992 white suckers (Catostomus commersoni) were collected from two locations on the upper Spring River for TCDD analysis. This is in compliance with the eighth year of a continuing requirement outlined in the revised Verona Fish and Sediment Sampling Plan. The fish were collected by electroshocking and a representative from Syntex was present during sampling. The two sites correspond to those identified in the "Verona Plant, Fish and Sediment Plan". Site 5 was dropped in 1989 and sites 3 and 4 were dropped in 1990. These sites were identical to those sampled in August of 1984, 1985, 1986, 1987, 1988, 1989 and 1990. The sampling locations are identified in Attachment A. The size and weight of each fish and the identifying number is listed in Attachment B. The recommended minimum numbers of fish were met at all locations.

The fish were taken to our facility at Columbia, Missouri, thawed and prepared accordingly. The fish at site 2 were weighed and measured and sequentially placed into two equal size groups designated as Groups A and B. The right skinless fillets of the fish in Groups A and B were removed and placed in separate polyethylene bags. These two groups are to be analyzed separately. The remainder of Group B fish (the entire fish minus the right fillet) was placed in a third bag for analysis. A fourth whole body estimate will be calculated. The fish at Site 1 were prepared in a similar manner except they were sorted into three equal size groups. Group A and B were prepared in a manner identical to site 2 and the fish in Group C were simply left whole and refrozen. ~~There a total of seven composites were prepared which~~ will generate nine measurements (two calculated).

The frozen fish samples were sent by Federal Express in Durham, NC to be ground, homogenized, and analyzed.

Triangle Laboratories, Inc.

Enclosure

Cynthia S. Morris
Fisheries Environmental Specialist



40030228
SUPERFUND RECORDS

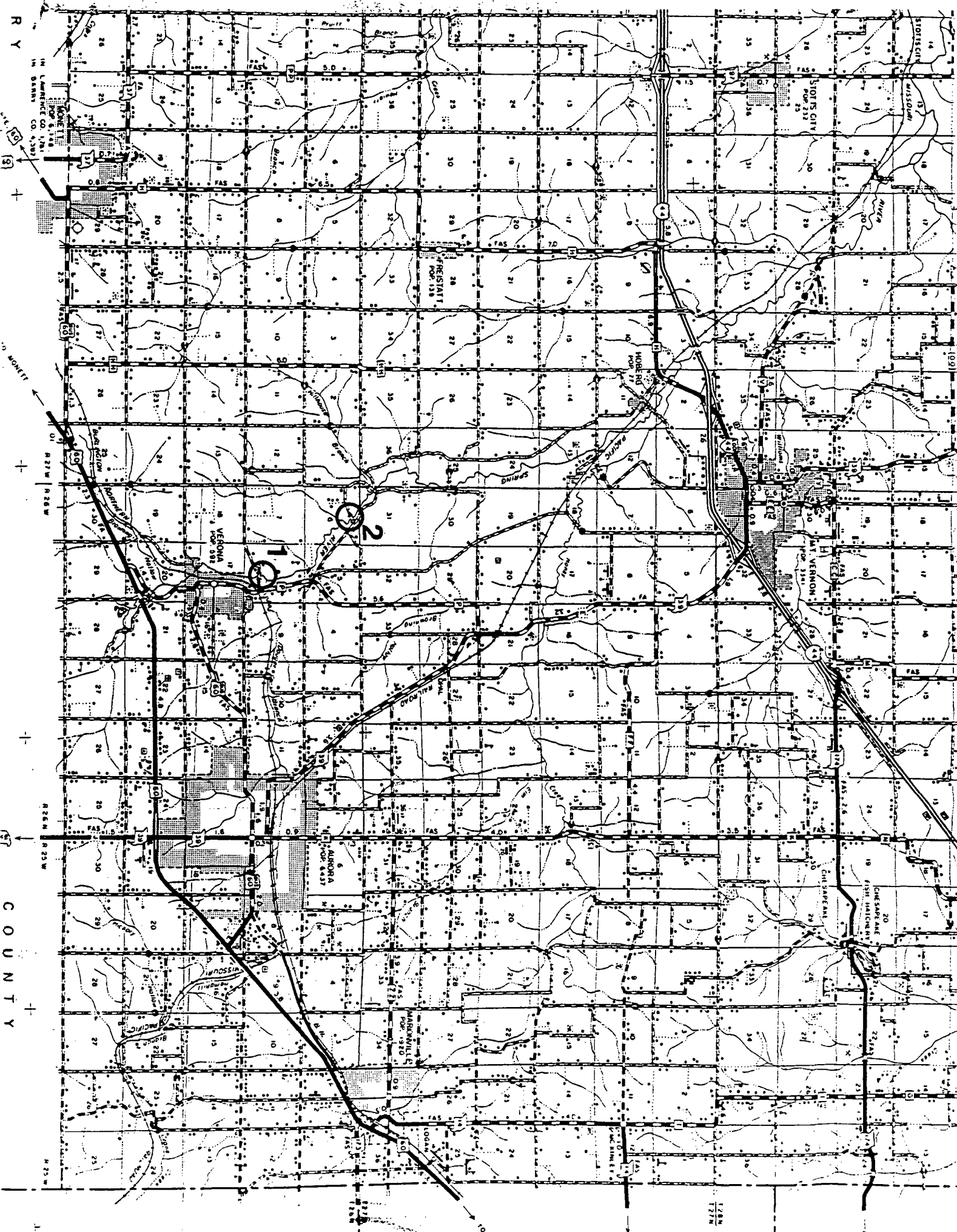
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ATTACHMENT B**Site 1 - Group A - Fillets Only**

Total Length (mm)	Weight (kg)	MDC Number
202	.081	MDC92-1
250	.165	
215	.100	
217	.117	

Site 1 - Group B - Fillets and Remainder

Total Length (mm)	Weight (kg)	MDC Number
206	.095	MDC92-2 (fillets) and MDC92-3 (remainder) and MDC-4* (to be calculated)
251	.145	
229	.150	
247	.174	

Site 1 - Group C - Whole Fish

Total Length (mm)	Weight (kg)	MDC Number
232	.127	MDC92-5
256	.185	
216	.113	
217	.103	

Site 2 - Group A - Fillets Only

Total Length (mm)	Weight (kg)	MDC Number
113	.098	MDC92-6
207	.080	
196	.083	
196	.074	

ATTACHMENT B (CONT.)**Site 2 - Group B - Fillets and Remainder**

Total Length (mm)	Weight (kg)	MDC Number
282	.246	MDC92-7 (fillets) and MDC92-8 (remainder) and MDC92-9* (to be calculated)
237	.132	
209	.091	
204	.095	
* Total weight of fillets for Group 1B fish is .114 kg for calculation purposes.		
* Total weight of fillets for Group 2B fish is .117 kg for calculation purposes.		